

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US05/02023

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : A61K 38/00, C12N 15/00, 15/06, 15/07; G01N 33/20
US CL : 530/350, 387; 514/2; 435/440, 7.1, 7.8; 424/278.1

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 530/350, 387; 514/2; 435/440, 7.1, 7.8; 424/278.1

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

Please See Continuation Sheet

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 02083898 A1 (BEJANIN S. et al.) 24 October 2002, claim 14, page 163, SEQ ID NO: 254.	20
X, P	KLASSEN, R. B. et al. Megalin mediates the renal uptake of heavy metal metallothionein complex. Am. J. Physiol. Renal. Physiol. May 4, 2004, Vol. 287, pages F393-403. The entire document.	1-2
Y, P		11-20
A	SOUSA, M. M. et al. Evidence for the role of megalin in renal uptake of transthyretin. J. Biol. Chem. December 8, 2000, Vol. 275, No. 49, pages 38176-38181. The entire document.	1-20

Further documents are listed in the continuation of Box C.

See patent family annex.

* Special categories of cited documents:

- | | | | |
|-----|---|-----|--|
| "A" | document defining the general state of the art which is not considered to be of particular relevance | "T" | later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention |
| "E" | earlier application or patent published on or after the international filing date | "X" | document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone |
| "L" | document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) | "Y" | document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art |
| "O" | document referring to an oral disclosure, use, exhibition or other means | "&" | document member of the same patent family |
| "P" | document published prior to the international filing date but later than the priority date claimed | | |

Date of the actual completion of the international search

02 August 2005 (02.08.2005)

Date of mailing of the international search report

23 NOV 2005

Authorized officer

Samuel W. Liu

Telephone No. 571-272-1600

Name and mailing address of the ISA/US

Mail Stop PCT, Attn: ISA/US
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Faxsimile No. (703) 305-3230

Form PCT/ISA/210 (second sheet) (January 2004)

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US05/02023

Continuation of B. FIELDS SEARCHED Item 3:
Databases: Medline, US Pre-Grant publication Full-Text database, US Patent Full-Text database, EPO Abstracts database, JPO Abstracts database, Derwent World Patent Index, and, issued patents AA, pending patents AA and Genebank (for sequence search).
Search terms: megalin or gp330 or epithelial endocytic receptor, metallothionein or CdMT.